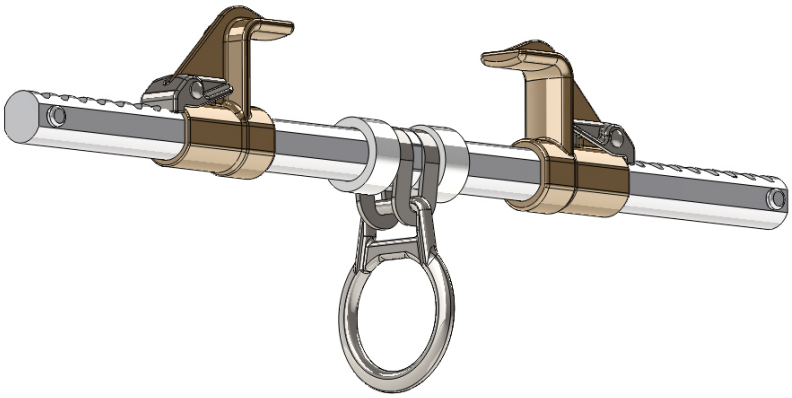
GUARDIAN
FALL PROTECTION
PERFORMANCE SAFETY GEAR



BEAMER 3000	PART #00104
MINOTAUR	PART #00106

USER'S MANUAL

DO NOT THROW AWAY THESE INSTRUCTIONS!
READ AND UNDERSTAND BEFORE USING EQUIPMENT!

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WARNING!

DO NOT:

- Do not alter or misuse the equipment unless approved by manufacturer.
- Do not use combinations of components or subsystems that may affect or interfere with the safe, compatible function of each other.
- Do not expose the equipment to chemicals which may produce a harmful effect or degrade the equipment. Consult manufacturer in cases where doubt exists.
- Do not use the equipment around moving machinery or electrical hazards unless specifically designed for such use.
- Do not use the equipment around sharp edges or abrasive surfaces unless intended for such use.

INTRODUCTION:

Thank you for purchasing the Beamer 3000 OR Minotaur. This manual should be read and understood in its entirety, and used as part of a training program as required by OSHA or any applicable state regulatory agency.

This and any other included instructions must be made available to the users of the equipment. The user must understand the proper equipment use and limitaons.

This manual covers the maintenance, installation, and use of the Beamer 3000 and Minotaur. This manual covers Guardian Part #'s 00104 and 00106

USER INFORMATION:

Date of First Use _____

Serial # _____

Trainer _____

User _____

GENERAL SYSTEM SELECTION CRITERIA:

Selection of fall protection shall be made by a Competent Person. All fall protection equipment shall be purchased new and unused.

The equipment is designed for use as a part of a personal fall protection system. Components shall not be used for any other operation other than that which it has been designed and approved.

Fall Protection Systems shall be designed to comply with OSHA or applicable state regulatory limitations. Systems must be used in a compliant manner.

Consult a doctor if there is any reason to doubt a user's ability to withstand and safely absorb fall arrest forces or perform setup of equipment. Age, fitness, and health conditions can seriously affect the worker should a fall occur. Pregnant women and minors should not use this equipment.

IMPORTANT!

YOU MUST READ THIS ENTIRE MANUAL BEFORE USING THIS EQUIPMENT.
FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR DEATH.

TRAINING REQUIREMENTS:

The employer must ensure that each employee who might be exposed to fall hazards has been trained by a Competent or Qualified Person. The training program must include the following:

- The ability to recognize the hazards of falling.
- The procedures to be followed in order to minimize these hazards.
- All Relevant Federal, State, and local regulatory requirements, procedures, and standards
- Correct erecting, maintaining, disassembling, and inspection of the fall protection systems being used
- Use of personal fall arrest systems

RESCUE PLAN:

The user is required to have a rescue plan and the means at hand to implement it when using the equipment. The plan shall be project specific. Employees shall be trained in self-rescue or alternate means shall be provided for prompt rescue in the event of a fall.

IMPORTANT!

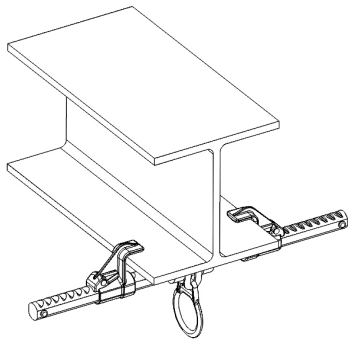
DO NOT USE THIS EQUIPMENT IF IT HAS BEEN SUBJECTED TO A FALL.
EQUIPMENT USED IN A FALL ARREST MUST BE REMOVED FROM SERVICE.
PLEASE CONTACT GUARDIAN REGARDING REPLACEMENT PROCEDURES FOR PRODUCTS USED IN FALLS.

DESCRIPTION OF BEAMER 3000 AND MINOTAUR:

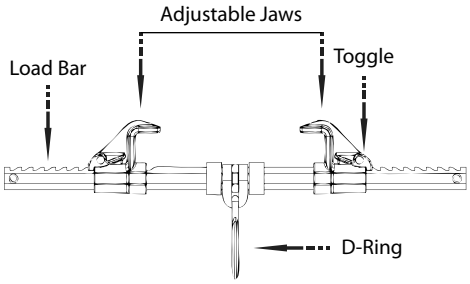
The Beamer 3000 and Minotaur anchors are to be used as part of a personal fall protection system. It is intended to be used as an anchorage point for either a shock-absorbing lanyard or a self-retrang lifeline (SRL) for fall arrest, or with a positioning lanyard for fall restraint.

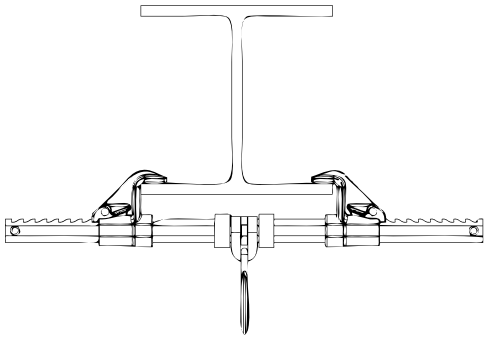
This unit should not be used for material handling or any other use other than that of a fall protection anchorage device. The Beamer 3000 and Minotaur must be attached to a structure capable of withstanding 5,000 lbs.

Only one person may use the Beamer 3000 or Minotaur at a time. Maximum combined weight (includeing tools and other equipment) of 310 lbs.



SPECIFICATIONS OF BEAMER 3000 AND MINOTAUR ANCHOR:





- Load Bar Material: Aluminum Alloy 7075-T6
- Jaws: Maganese Bronze
- D-Ring Material: Steel Alloy SAE4140- Nickel Plating
- Spring Material: Zinc Plated Spring Steel
- Minimum Breaking Strength: 5,000 LBS
- Weight: 3.6 LBS for Beamer 3000 and 6.8 LBS for Minotaur anchors.

MAINTENANCE, CLEANING, AND STORAGE:

- Cleaning: Rinse anchor connector in clean lukewarm water. Leave it to dry away from direct sources of light and heat.
- Lubrication: Lubricate moving parts frequently with a silicone based lubricant. This operation must be done after cleaning and drying completely.
- Storage: Store the equipment in a cool, dry, dark place, chemically neutral, away from sharp edges, heat sources, humidity, corrosive substances, or other damaging conditions. Do not store wet.
- During transport, the product should be placed in a container, eliminating influence of outside agents like water and dust.

INSPECTION:

- Before each use, the worker must inspect all fall protection equipment.
- A formal inspection must be made by a Competent or Qualified Person other than the user at least every six months. Record the results of these inspections in the Inspection Log in the back of this manual.
- Visually inspect the load bar, Jaws, D-Ring, for any sign of deformation, deterioration, corrosion or cracks.
- Check for any missing parts, such as rivets.
- Look for any evidence of a fall or any damage or bending of the fittings.
- Identify any excessive rust.
- Check the beam structure the Beamer 3000 Anchor is being attached to for adequate strength, damage to the structure, or excessive rust.

WARNING!

IF ANY COMPONENT OF THE GUARDIAN BEAMER 3000 OR MINOTAUR DOES NOT PASS INSPECTION, REMOVE FROM SERVICE IMMEDIATELY. CONTACT GUARDIAN ABOUT RETURNING DAMAGED UNITS.

PRIOR TO EACH USE:

- Fall protection passive and active equipment shall be inspected by the user for defects, damage, or deterioration.
- Any suspected defective equipment shall be removed from service.
- If the manufacturer's label is not legible or is missing, the equipment shall be removed from service.
- If it is necessary to remove the Beamer 3000 or Minotaur during a portion of a particular job, make sure to resecure the unit before resuming work.

IMPORTANT!

DO NOT EXPOSE EQUIPMENT TO OPEN FLAME, HOT OBJECTS, SOLVENTS, STRONG ACIDS OR BASES.

PRODUCT APPLICATION INFORMATION:

The Guardian Beamer 3000 and Minotaur Anchor is designed to be a component of a complete fall arrest or fall restraint system for a single user.

- PERSONAL FALL ARREST: The Guardian Beamer 3000 and Minotaur Anchors can be used as a component of a personal fall arrest system (PFAS) to protect the user in the event of a fall. PFAS typically include a full body harness, a connecting device (energy absorbing lanyard), and an anchorage point. Maximum free fall is twelve (12) feet.
- RESTRAINT: Guardian Beamer 3000 and Minotaur anchors can be used as a component of a restraint system to prevent the user from reaching a fall hazard. Restraint systems typically include a full body harness, a lanyard or restraint line, and an anchorage point. NO VERTICAL FREE FALL IS PERMITTED.

APPLICABLE STANDARDS:

Standards might include OSHA regulations depending on the type of work, and also might include state regulations if applicable. This product is designed to comply with OSHA and ANSI Z359.1 standards when used properly, and in accordance with the manufacturer's instructions.

WARNING!

- Guardian Fall Protection equipment is designed to be used with Guardian approved components.
- Please contact Guardian if you have a question regarding compatibility.
- Making substitutions without approval from Guardian Fall Protection may lead to injuries or death by compromising the safety and reliability of the complete system.

LIMITATIONS:

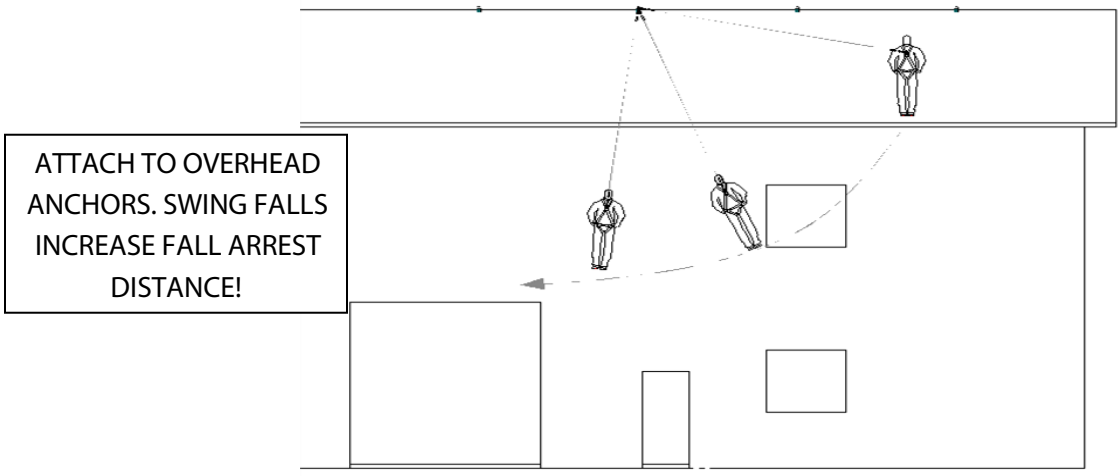
- CAPACITY: The Beamer 3000 is designed to fit I-Beams from 3.5" - 14" wide and up to 1.25" thick and the Minotaur is designed to fit I-Beams from 14" - 30" wide and up to 2.50" thick. It is meant for use by a person with combined weight (clothing, tools, etc.) of no more than 420lbs. using an approved connecting sub system. No more than one personal protective system may be connected at a time.
- FREE FALL: Personal Fall Arrest Systems (PFAS) used with this equipment must be rigged to limit the freefall to six (6) feet as called out in ANSI Z359.1. Only qualified and personnel trained on the proper use of fall protection such as this anchor are allowed to use this product. Restraint systems must be rigged so that no vertical free fall is possible. This anchorage device can withstand a twelve (12) foot free fall with a qualified lanyard.

LIMITATIONS continued:

- FALL CLEARANCE:There must be sufficient clearance below the use to arrest a fall before the user strikes the ground or any other obstruction. A hazard assessment by a trained and Competent Person is recommended before any work is started that would include the use of fall protection.

- SWING FALLS: Swing falls occur when the anchorage point is not directly above the point where a fall occurs. The force of striking an object in a swing fall may cause serious injury or death. Minimize the risk of swing falls by working as close to the anchorage point as possible. Do NOT permit a swing fall if injury could occur. Swing falls will significantly increase the clearance required when a self retracting lifeling or other variable length connecting system is used.

- CONNECTIONS: Only make compatible connections. Never use large throat opening connectors with this anchor.



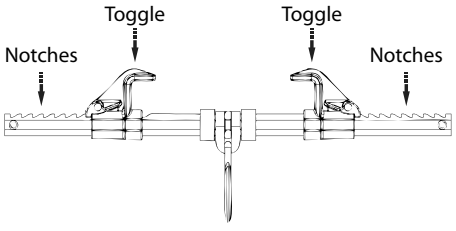
- POTENTIAL ENVIRONMENTAL HAZARDS: Use of fall protection equipment in areas with environmental hazards may require additional precautions to prevent injury to the user or damage to the equipment. Hazards may include but are not limited to chemicals, corrosive environments, high voltage power lines, gases, moving machinery and sharp edges.

INSTALLATION INSTRUCTIONS:

- Hook one end of the Beamer's adjustable hook over the flange of the beam, making sure that the aluminum bar is positioned perpendicular to the beam.

- Fit the other hook to the opposite side of the beam flange. This can be attached to the top or bottom flange.

- Slide both hooks towards each other along the aluminum support bar. Snug to the beam flange, ensuring that the anchor canot come off the beam while being pulled in any direction. Ensure that the toggles are fit securely into the notches in the support bar.



INSTALLATION INSTRUCTIONS continued:

- Attach a lanyard or retractable lifeline to D-Ring located in the center of the support bar.
- Always readjust the Beamer 3000 or Minotaur when switching or continuing to beams of a different size to ensure that the unit cannot come off the beam.

WARNING!

ANY REPAIR OR MODIFICATION OF THIS EQUIPMENT MUST BE CONDUCTED BY INDIVIDUALS AUTHORIZED BY GUARDIAN

LABELS:

These labels must be present and legible on the Guardian Beamer 3000 and Minotaur Anchor at all times.

Serial Number

Inspection Grid:

	J	F	M	A	M	J	J	A	S	O	N	D
YR												
YR												
YR												
YR												
YR												

Beamer Series
Structural Steel Fall Protection

Part # 00104
Part # 00106
Guardian Fall Protection, Inc.

Max capacity is one (1) person per anchor, max weight 420lbs.
5,000lbs. min. breaking strength.
Constructed of aluminum, bronze and stainless steel.
Meets all applicable OSHA and ANSI standards. Must be used with OSHA compliant equipment, possibly including special lanyard for tie-off at foot level.

MAKE ONLY COMPATIBLE CONNECTIONS. FOR USE ON STRUCTURAL STEEL I AND H BEAMS ONLY. INSPECT BEFORE EACH USE.

WARNING! READ CAREFULLY BEFORE USING

USE ONLY WITH ANSI/OSHA COMPLIANT PERSONAL FALL ARREST OR RESTRAINT SYSTEMS. MANUFACTURER'S INSTRUCTIONS INCLUDED AT TIME OF SHIPMENT MUST BE FOLLOWED AT ALL TIMES FOR PROPER USE, MAINTAINENCE, AND INSPECTION. ALTERATION, ABUSE, OR MISUSE OF THIS PRODUCT MAY RESULT IN SERIOUS INJURY OR DEATH. DO NOT REMOVE THIS LABEL.

INSPECTION LOG:

USER MUST INSPECT EQUIPMENT BEFORE EACH USE. COMPETENT PERSON TO INSPECT AND INITIAL AT LEAST EVERY 6 MONTHS. Date of First Use _____												
YR.	J	F	M	A	M	J	J	A	S	O	N	D
This equipment must be inspected regularly.												

"WE PUT OUR NAME ON THE PRODUCT BECAUSE YOU PUT YOUR LIFE ON THE LINE."

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